



TASK ORDER (TO)

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Intelligence, Surveillance, and Reconnaissance (ISR)

in support of:

U.S. Air Force (AF) Air Combat Command (ACC)

Issued to:

Leidos, Inc.

Issued by:

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C.1 BACKGROUND

The Air Force (AF) Air Combat Command (ACC) is responsible for the Organizing, Training, and Equipping (OT&E) activities to satisfy mission and readiness requirements as the AF Intelligence, Surveillance, and Reconnaissance (ISR) provider. ACC maintains combat-ready forces for rapid deployment and employment through regional ACC and other Component Major Commands (MAJCOM) Air Component Commanders supporting Combatant Command (CCMD) tasks.

Historically, this effort has consisted of the United States (U.S.) military adapting to defend the homeland, advance its strategic interests, provide global security, and prepare forces for theater. Combating and adapting to global threats requires the military to possess and constantly obtain significant knowledge of the strategic, operational, and tactical environments to permit coordinated and informed U.S. military operations. The military must constantly conduct analyses and assessments of the current threat environment (e.g., Electronic Warfare (EW)) to identify capabilities such as non-kinetic effects and defense measures that can be utilized by the U.S. military to combat evolving and emerging threats and protect deployed forces. To this end, the AF ACC, to include the organizations listed below, relies heavily on its contractor support under the current contracts and TO to analyze threats, provide training, and bolster the AF ISR program. The present and future of the ACC mission success will be impacted by the contractor's ability to provide subject matter expertise and threat mitigation support.

Irregular Warfare (IrW) threats will continue to drive the U.S. military's training and mission readiness requirements to meet the U.S. Combatant Commander needs for capable military forces. The military must be agile in developing Tactics, Techniques, and Procedures (TTPs) to increase mission effectiveness. IrW analyses, assessments, and training are critical to the U.S. military to ensure forces are adequately prepared for deployment to theater. As a result, technical history has been a continual progression in intelligence analysis and warfighter training.

This TO will align contractor support service into one centrally managed TO for AF ACC ISR services.

C.1.1 PURPOSE

The purpose of this TO is to provide subject matter expertise and threat mitigation support for the ACC ISR requirements. It shall provide ACC and subordinate organizations (limited to those organizations specified in the scope statement below) with ISR expertise, services, and support to identify and analyze emerging threats and provide potential capabilities the U.S. military can utilize to combat these threats. These threat mitigation activities include training and operational support, intelligence oversight activities, intelligence analysis and targeting, Processing, Exploitation, and Dissemination (PED), strategy development, exercise and test support, and other ISR OT&E and operational responsibilities at both steady state and contingency locations worldwide.

C.1.2 ACC MISSION

The ACC is the primary force provider of combat airpower to U.S. AF's warfighting commands. To support global implementation of national security strategy, ACC operates fighter, reconnaissance, battle-management, and electronic-combat aircraft. It also provides command,

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control, communications, and intelligence systems and conducts global Information Operations (IO).

As a force provider and Combat Air Forces lead agent, ACC organizes, trains, equips, and maintains combat-ready forces for rapid deployment and employment while ensuring strategic air defense forces are ready to meet the challenges of peacetime air sovereignty and wartime air defense. Additionally, ACC develops strategy, doctrine, concepts, tactics, and procedures for air and space-power employment. The command provides conventional and information warfare forces to all unified commands to ensure air, space, and information superiority for warfighters and national decision-makers. The command can also be called upon to assist national agencies with intelligence, surveillance, and crisis response capabilities. ACC Numbered Air Forces (NAFs) provide the air component to U.S. Central, Southern, and Northern Commands. ACC also augments forces to U.S. European, Pacific, Africa-based, and Strategic Commands.

C.2 SCOPE

The scope of this TO is to provide a full range of ISR support services that encompass enterprise level management services, analysis and assessment support, training and intelligence support for the following ACC subordinate NAFs, Centers, and Wings, listed in order of planned TO utilization:

- a. ACC/A2
- b. 16th AF
- c. 480th ISR Wing (ISRW)
- d. 363rd ISRW
- e. 55th Wing
- f. 70th ISRW
- g. AF Central Command (AFCENT)

The places of performance will be at multiple Contiguous United States (CONUS) military bases identified in **Section F.2**. Additionally, long-distance travel, including Outside Contiguous United States (OCONUS) support, will be provided as needed and reimbursed in accordance with travel regulations.

C.3 ACC ISR OVERVIEW

AF ACC is responsible for the OT&E activities to satisfy mission and readiness requirements as the AF ISR force provider. This TO is comprised of ISR services that were previously provided separately to AF ACC components. The AF ACC ISR work is geographically dispersed at multiple AF installations both CONUS and OCONUS, and management of the AF ACC ISR portfolio takes place at JB Langley-Eustis. ACC maintains combat-ready forces for rapid deployment and employment through regional ACC and other MAJCOM Air Component Commanders supporting CCMD taskings. Within ACC, the following organizations shall be supported.

- a. ACC/A2: ACC is the head organization in this procurement. 16th AF, 480th ISRW, 363rd ISRW and 16th AF, along with their subordinates fall under ACC and report directly to ACC in all terms of this contract. The ACC Intelligence Directorate (located at

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Joint Base (JB) Langley-Eustis, Virginia (VA), with multiple operating locations, including JB San Antonio, Texas (TX), Wright Patterson Air Force Base (AFB), Ohio (OH), and other locations) conducts ACC intelligence OT&E responsibilities and partners with other ACC Directorates to support overall ACC ISR OT&E responsibilities. ACC/A2 executes Lead Command and Lead MAJCOM responsibilities for analysis, targeting, collections, PED, AF Distributed Common Ground System (DCGS), and various intelligence disciplines, and is the Program Manager for the AF Joint Worldwide Intelligence Communication System (JWICS), among other responsibilities. ACC/A2 provides support to subordinate NAFs, Centers, and Wings, as well as readiness and pre-deployment support to ACC and other MAJCOM units.

- b. 16th AF: The 16th AF, headquartered at JB San Antonio, TX, provides multisource ISR products, applications, capabilities, and resources including cyber and geospatial forces and expertise. 16th AF is also the Service Cryptologic Component (SCC) responsible to the National Security Agency (NSA)/Central Security Service for AF matters involving the conduct of cryptologic activities including full spectrum missions directly related to both tactical warfighting and national-level operations. 16th AF subordinate Wing missions include high/medium altitude reconnaissance, EW, airborne national Command and Control (C2), reconnaissance in support of nuclear operations, Signals Intelligence (SIGINT), cyber support, content-dominant analysis, targeting, and PED.

Additionally, The 16th AF is the component NAF presenting AF capabilities as AF Cyber and provides Combatant Commanders and the AF with trained and ready cyber forces to plan and conduct cyberspace operations. 16th AF is the operational warfighting organization that establishes, operates, maintains, and defends AF networks to ensure warfighters can maintain the information advantage as U.S. forces prosecute military operations around the world.

- c. 480th ISRW: The 480th ISRW, headquartered at JB Langley-Eustis, VA, operates the AF DCGS to conduct PED and analysis of ISR assets presented through Air Components worldwide. The Wing's comprehensive set of ISR capabilities (Geospatial Intelligence (GEOINT)/SIGINT/Publicly Available Information (PAI)) include national cryptologic, Information Technology (IT), cyber ISR, fusion and analysis, and national-to-tactical SIGINT integration. The Wing is global in nature and spans the full spectrum of ISR operations and interacts with other Department of Defense (DoD), coalition, and Intelligence Community (IC) assets to support Service, Joint, and coalition operations. The Wing operates from and ensures security for facilities and systems located at JB Langley-Eustis, VA; Fort (Ft.) Gordon, Georgia (GA); Ft. Meade, Maryland (MD); Beale AFB, California (CA); Osan, Air Base (AB), Korea; JB Pearl Harbor-Hickam AB, Hawaii (HI); Ramstein AB, Germany (GE); and other locations.
- d. 363rd ISRW: The 363rd ISRW, headquartered at JB Langley-Eustis, VA, provides precision targeting production, special operations ISR, and full spectrum analytical support to the tactical AF end-user, enabling combat power in air, space, and cyberspace. The Wing provides operations planning and execution support focused on five distinct mission sets: Air Defenses, Counter-Space, Counter-ISR, Theater Ballistic Missile/Cruise Missile Threat, and Air Threat. The Wing operates from and ensures security for facilities and systems located at JB Langley-Eustis (363rd ISRW), VA; Hurlburt Field, FL (361st

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Intelligence Surveillance and Reconnaissance Group (ISRG));) Nellis AFB, NV (365th ISRG); and other locations.

- e. 55th Wing: The 55th Wing, headquartered at Offutt AFB, Nebraska (NE), is 16th AF's largest Wing composed of six groups and 31 squadrons located worldwide and conducts a global flying mission with worldwide ISR, EW, treaty verification, and the National Airborne Operations Center. The 55th Wing provides installation support to more than 50 associate units, including U.S. Strategic Command, and operates from and ensures security for facilities and systems located worldwide.
- f. 70th ISRW: The 70th ISRW, headquartered at Ft. George G. Meade, MD, executes global cryptologic ISR operations in air, space, and cyberspace and serves as the AF's designated lead Wing for National-to-Tactical Integration (NTI) operations. The Wing integrates with and supports the DCGS and the Global Cryptologic Enterprise (GCE) and is the AF's designated lead Wing for ISR operations for both cyber effects and space superiority operations. The Wing provides expeditionary Force Protection (FP) capabilities, delivers tailored adversary tactics and Integrated Air Defense System (IADS) analyses, executes federated and delegated missions with IC partners, provides information protection and assurance services, and deploys advanced engineering and infrastructure installation capabilities globally. The 70th ISRW operates from and secures facilities and systems for more than 30 operating locations worldwide.
- g. AFCENT: U.S. AFCENT, headquartered at Shaw AFB, South Carolina (SC), is the air component of U.S. Central Command (USCENTCOM) and is responsible for theater air operations (either unilaterally or in concert with Joint and coalition partners) and developing contingency plans in support of national objectives for USCENTCOM's 20-nation Area of Responsibility (AOR).

C.3.1 CURRENT ENVIRONMENT

All TO work is completed in accordance with AF doctrine contained at <http://www.e-publishing.af.mil/Product-Index/> and GSA Policy expressed herein.

All information concerning the current ACC ISR environment has been provided as a part of the ACC ISR Reading Room (See **Section J, Attachment X** – ACC ISR Digital Reading Room Instructions and NDA).

C.4 OBJECTIVE

The overall objective of the TO is to provide the AF ACC with highly effective and efficient intelligence gathering, analysis, and distribution program as well as to provide training to facilitate ISR operations. The contractor shall assist with integrating into alignment the AF ACC ISR portfolio in order to build synergies, identify and understand ISR interdependencies, develop and maintain consistency in process and procedures, prioritize knowledge sharing, realize efficiencies, and improve ISR operations.

C.5 TASKS

The following tasks are in support of this contract and are detailed below:

- a. Task 1 – Provide Program Management

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- b. Task 2 – Provide Transition Support
- c. Task 3 – Provide Analysis and Assessment Support
- d. Task 4 – Provide Training Support
- e. Task 5 – Provide Intelligence Support
- f. Task 6 – Provide Surge Support

C.5.1 TASK 1 – PROVIDE PROGRAM MANAGEMENT

The contractor shall provide program management support under this TO. This includes the management and oversight of all activities performed by contractor personnel, including subcontractors, to satisfy the TO Performance Work Statement (PWS).

The contractor shall facilitate Government and contractor communications, use industry-best standards and proven methodologies to track and document TO requirements and activities to allow for continuous monitoring and evaluation by the Government, and ensure all support and requirements performed are accomplished in accordance with the TO. The contractor shall notify the Federal Systems Integration and Management Center (FEDSIM) Contracting Officer's Representative (COR) and ACC Technical Point of Contact (TPOC) via a Problem Notification Report (PNR) of any technical, financial, personnel, or general managerial problems encountered throughout the TO PoP.

The contractor shall provide strategic enterprise-level guidance that integrates support across all task areas, ensure support is in accordance with TO requirements, and schedule meetings and provide deliverables in accordance with **Section F**. The contractor shall organize and track all TO work to a work request (**Section H.25**).

C.5.1.1 SUBTASK 1 – ACCOUNTING FOR CONTRACT SERVICES

The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the ACC via a secure data collection site: the Enterprise Contractor Manpower Reporting Application (ECMRA). The contractor shall completely fill in all required data fields using the following web address: <http://www.ecmra.mil/>.

Reporting inputs will be for the labor executed during the PoP during each Government Fiscal Year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported No Later Than (NLT) October 31 of each calendar year. Contractors may direct questions to the support desk at: <http://www.ecmra.mil/>.

Contractors may use Extensible Markup Language (XML) data transfer to the database server or fill in the fields on the website. The XML direct transfer is a format for transferring files from a contractor's systems to the secure web site without the need for separate data entries for each required data element at the website. The specific formats for the XML direct transfer may be downloaded from the web.

C.5.1.2 SUBTASK 2 – COORDINATE A PROGRAM KICK-OFF MEETING

The contractor shall schedule, coordinate, and host a Project Kick-Off Meeting within 25 days of award at the location approved by the Government. The meeting will provide an introduction

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between the contractor personnel and Government personnel who will be involved with the TO. The meeting will provide the opportunity to discuss technical, management, and security issues, and travel authorization and reporting procedures. At a minimum, the attendees shall include Key contractor personnel, relevant AF ACC Government personnel, FEDSIM Contracting Officer (CO), and FEDSIM COR.

At least three days prior to the Kick-Off Meeting, the contractor shall provide a Kick-Off Meeting Agenda (**Section F, Deliverable 01**) for review and approval by the FEDSIM COR and the ACC TPOC prior to finalizing. The agenda shall include, at a minimum, the following topics/deliverables:

- a. Points of Contact (POCs) for all parties.
- b. Personnel discussion (i.e., roles and responsibilities and lines of communication between contractor and Government).
- c. Staffing Plan and status.
- d. Transition-In Plan and discussion.
- e. Security discussion and requirements (i.e., building access, badges, Common Access Cards (CACs)).
- f. Invoicing requirements.
- g. Timelines for all deliverables due within the first 90 days of the TO.
- h. Initial travel requirements.

The Government will provide the contractor with the number of Government participants for the Kick-Off Meeting, and the contractor shall provide sufficient copies of the presentation for all present.

The contractor shall draft and provide a Kick-Off Meeting Report (**Section F, Deliverable 02**) documenting the Kick-Off Meeting discussion and capturing any action items.

C.5.1.3 SUBTASK 3 – PREPARE A MONTHLY STATUS REPORT (MSR)

The contractor shall develop and provide an MSR (**Section J, Attachment F**) (**Section F, Deliverable 03**). The MSR shall include the following:

- a. Activities during the reporting period, by work request (include ongoing activities, new activities, and activities completed, and progress to date on all activities). Each section shall start with a brief description of the work request and supported organization and will be organized by task and subtask.
- b. Problems and corrective actions taken. Also, include issues or concerns and proposed resolutions to address them.
- c. Personnel gains, losses, and status (security clearance, etc.).
- d. Government actions required.
- e. Schedule (show major tasks, milestones, and deliverables; planned and actual start and completion dates for each).

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- f. Summary of trips taken, conferences attended, etc. (attach Trip Reports (**Section J, Attachment G**) (**Section F, Deliverable 11**) to the MSR for reporting period). Trips will be organized by work request and supported organization.
- g. Accumulated invoiced and incurred cost for each work request and supported organization for the previous month.
- h. Projected cost of each organization by work request for the current month.
- i. Updated Time Phase Labor Mix (TPLM) worksheet when appropriate.

C.5.1.4 SUBTASK 4 – CONVENE CONSOLIDATED TECHNICAL STATUS MEETINGS AND INTEGRATED PROGRAM REVIEWS (IPRs)

The contractor Program Manager (PM) shall convene monthly consolidated Technical Status Meetings (**Section F, Deliverable 4**) via teleconference or video teleconference with the ACC TPOC, FEDSIM COR, and other Government stakeholders. The purpose of this meeting is to ensure consistency and continuity across all areas, ensure all stakeholders are informed of the monthly activities and MSR, provide opportunities to identify other activities and establish priorities, and coordinate resolution of identified problems or opportunities.

The contractor shall convene IPRs at a minimum of twice yearly (**Section F, Deliverable 5**) in conjunction with the Government. The purpose of IPRs is to facilitate understanding and cross-leveling of emerging issues, newly developed best practices, and key lessons learned across ACC.

The contractor shall submit Meeting Reports (**Section F, Deliverable 6**) to document these meetings as well as other meetings, as requested by the ACC TPOC and/or FEDSIM COR. The Meeting Report shall at a minimum include the following information:

- a. Meeting attendees and, at a minimum, identify organizations represented.
- b. Meeting date and location.
- c. Meeting agenda.
- d. Purpose of the meeting.
- e. Summary of discussion (issues and risks discussed, decisions made, and action items assigned).
- f. Conclusion.
- g. Recommendation(s).
- h. Next scheduled event(s) impacting or impacted by the meeting.

C.5.1.5 SUBTASK 5 – CONVENE TRAINING SUPPORT PACKAGE (TSP) REVIEWS

The contractor shall convene TSP reviews (**Section F, Deliverable 7**) at a minimum of twice yearly in conjunction with the Government. The objective of the TSPs is to assess the current training curriculum in each organization in terms of the requirements and objectives of this TO and assess documentation across the TO and its effectiveness based on After Action Reviews (AARs) and lessons learned briefings. The contractor shall stay informed of the current status of AF policy and guidance and make recommendations for updates or changes to the TSP based on

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the revised AF policy and guidance. Upon Government acceptance, the contractor shall be responsible for making the approved updates and changes.

C.5.1.6 SUBTASK 6 – PREPARE A PROJECT MANAGEMENT PLAN (PMP)

The contractor shall document all support requirements in a PMP. The contractor shall provide the Government with a draft PMP (**Section F, Deliverable 8**) on which the Government will make comments. The final PMP (**Section F, Deliverable 9**) shall incorporate the Government's comments.

The PMP shall:

- a. Describe the proposed management approach.
- b. Contain detailed Standard Operating Procedures (SOPs) for all tasks by supported organization.
- c. Include milestones, tasks, and subtasks required in this TO by supported organization.
- d. Provide for an overall Work Breakdown Structure (WBS) with a minimum of three levels and associated responsibilities and partnerships between Government organizations.
- e. Describe in detail the contractor's approach to risk management under this TO specific to each supported organization.
- f. Describe in detail the contractor's approach to communications including processes, procedures, communication approach, and other rules of engagement between the contractor and the Government.
- g. Contain a decision log to provide a concise, centralized record of all decisions, approvals, or agreements affecting the scope, schedule, or internal and/or external deliverables for the TO identified by task and work request and organized by supported organization.
- h. Contain a Communication Plan to identify and track all required communications in support of the PMP, which identifies all key stakeholders and appropriate communications format (meetings, briefings, etc.), content, and schedule for each stakeholder.

C.5.1.7 SUBTASK 7 – UPDATE THE PMP

The PMP is an evolutionary document that shall be updated annually, at a minimum, and as changes in the program occur. (**Section F, Deliverable 10**) The contractor shall work from the latest Government-approved version of the PMP. The contractor shall keep the PMP electronically accessible to the Government at all times.

C.5.1.8 SUBTASK 8 – PREPARE TRIP REPORTS

The Government will identify the need for a Trip Report (**Section J, Attachment G**) (**Section F, Deliverable 11**) when the request for travel is submitted. The contractor shall keep a summary of all long-distance travel including, but not limited to, the name of the employee, location of travel, duration of the trip, and POC at travel location. The Trip Reports shall also contain Government approval authority, the total cost of the trip, a detailed description of the purpose of the trip, and any knowledge gained. This deliverable requires an email receipt from the Government and not a formal Deliverable Acceptance Form (DAF)

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C.5.2 TASK 2 –PROVIDE TRANSITION SUPPORT

C.5.2.1 SUBTASK 1 TRANSITION-IN

The contractor shall ensure a smooth and orderly 90-day transition-in period to establish required support. Transition shall begin immediately upon TOA and staffing shall be phased in over time as the existing ACC contracts and TOs expire. At TOA, all tasks will require contractor support. However, not all organizations and subtasks require support at award. Initial Operational Capability (IOC) shall be achieved NLT two weeks after TOA for all supported organizations by task, as identified below:

TASK 1 – Provide Program Management	
Supported Organization	Start Date
U.S. AF ACC ISR and all subordinate Wings	At Award
TASK 3 – Provide Analysis and Assessment Support	
Supported Organization	Start Date
480th ISRW	At Award
16th AF	At award
363rd ISRW	9/12/2019 and 9/20/2019
TASK 4 – Provide Training Support	
Supported Organization	Start Date
16th AF	At Award
55th Wing	At Award
ACC/A2	At Award
TASK 5 – Provide Intelligence Support	
Supported Organization	Start Date
16th AF	At Award

For tasks starting concurrently with TOA, IOC is defined as follows:

- a. All required staff to accomplish transition-in activities is in place.

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- b. Initial baseline Time-Phased Labor Mix (TPLM) has been submitted to the Government and required staffing in-processing activities are in progress. The Government will continue to use this past the transition period of October 21, 2019, throughout the base period in order to management requirements within the Task Order.
- c. Coordination efforts are established and synchronized with the existing contractors for transition-out activities (facilitated by Government).
- d. Contractor is in full control of transition activities and required ACC support is being effectively managed.

Full Operational Capability (FOC) shall be achieved prior to commencing work for tasks and organizations not identified at IOC. Transition activities to ensure a smooth and orderly transition-in period shall continue until FOC is achieved.

FOC is defined as follows:

- a. All tasks are fully staffed with qualified and trained personnel.
- b. Contractor assumes full responsibility for management of all TO requirements.
- c. All TO performance measures are in place and enforced.
- d. No further support required from the outgoing contractors.

FOC supported organizations are as follows and shall be achieved by October 21, 2019:

TASK 1 – Provide Program Management	
Supported Organization	Start Date
U.S. AF ACC ISR and all subordinate Wings	At Award
TASK 3 – Provide Analysis and Assessment Support	
Supported Organization	Start Date
480th ISRW	At Award
16th AF	At award
363rd ISRW	11/27/2019
TASK 4 – Provide Training Support	
Supported Organization	Start Date
16th AF	At Award
55th Wing	At Award
ACC/A2	At Award

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TASK 5 – Provide Intelligence Support	
Supported Organization	Start Date
16th AF	At Award
480th ISRW	4/03/2020
55th Wing	10/01/2019
363rd ISRW	10/01/2019

The contractor shall submit its Updated Transition-In Plan and TPLM at or before the Project Kick-Off Meeting for Government approval (**Section F, Deliverable 12**) and resubmit it 30 days prior to FOC. The contractor shall submit its Final Transition-In Plan and TPLM (**Section F, Deliverable 13**) within ten workdays of receipt of Government comments on the Updated Transition-In Plan and TPLM. The Transition-In Plan shall include the contractor's plan to achieve IOC and culminate with FOC and include measurable milestones and decision gates (with entrance and exit criteria) for Government review. The TPLM shall identify all personnel and positions to transition to the TO, when they transfer, and their role. The Government will review and accept this TPLM as the initial baseline.

C.5.2.2 SUBTASK 2 – TRANSITION-OUT

The contractor shall provide transition-out support when required by the Government. The Transition-Out Plan shall facilitate the accomplishment of a seamless transition from the incumbent to incoming contractor/Government personnel at the expiration of the TO. The contractor shall provide a draft Transition-Out Plan (**Section F, Deliverable 14**) within six months of Project Start (PS). The Government will work with the contractor to finalize the Transition-Out Plan in accordance with Section E. At a minimum, this Transition-Out Plan shall be reviewed and updated on an annual basis (**Section F, Deliverable 15**). Additionally, the Transition-Out Plan shall be reviewed and updated quarterly during the final Option Period.

In the Transition-Out Plan, the contractor shall identify, at a minimum, how it will coordinate with the incoming contractor and/or Government personnel to transfer knowledge regarding the following:

- a. Project management processes.
- b. POCs.
- c. Location of technical and project management documentation.
- d. Status of ongoing technical initiatives.
- e. Appropriate contractor-to-contractor coordination to ensure a seamless transition.
- f. Transition of Key Personnel.

- g. Schedules and milestones.
- h. Actions required of the Government.
- i. A final invoice and closeout schedule with the dates and actions to be completed for TO closeout.

The contractor shall also establish and maintain effective communication with the incoming contractor/Government personnel for the period of the transition via weekly status meetings or as often as necessary to ensure a seamless transition-out.

The contractor shall implement its Transition-Out Plan NLT six months prior to the expiration of the TO.

C.5.3 TASK 3 – PROVIDE ANALYSIS AND ASSESSMENT SUPPORT

The contractor shall conduct global, enterprise-wide intelligence analysis in order to identify and recommend how the U.S. military can best defend itself against fielded and planned worldwide threats. As new global challenges arrive, the contractor shall assess these threats and provide the Government with intelligence analysis, assessments, and various intelligence product briefings and reports as requested (**Section F, Deliverable 16**). The contractor shall provide experienced, qualified analysts to provide operational, technical, and planning support of approximately 50,000 analysis and assessment products and tasks annually inclusive of analysis, targeting, and staff products. Products and tasks will vary in Level of Effort (LOE) required to complete. Analysts shall be responsible for analyzing multisource intelligence and processing, exploiting, correlating, and fusing information into a net-centric environment.

C.5.3.1 SUBTASK 1 –PROVIDE SINGLE AND MULTI-DISCIPLINE ISR ANALYSIS

The contractor shall provide single and multi-discipline ISR analysis to include executive, intermediate, and single and multi-level analysis in accordance with **Sections C.5.3.1.1, C.5.3.1.2, and C.5.3.1.3.**

C.5.3.1.1 EXECUTIVE-LEVEL MULTI-DISCIPLINE ISR ANALYSIS

The contractor shall perform executive-level analysis and assessments in applying advanced principles, theories, and concepts to a wide range of work in the areas of planning, deployment, operation, and enhancement of advanced technology for ISR systems and capabilities. This task encompasses creative technical solutions and studies to current problem sets, effectiveness and efficiency assessments, and development of new ISR integration capabilities into Joint warfighting constructs.

The contractor shall provide executive-level multi-discipline analysis in accordance with the following criteria:

- a. Provide administration and guidance support to a full spectrum of mission areas providing multi-discipline, correlated, and fused intelligence analysis in response to multiple echelons of command-validated requirements.
- b. Validate and enforce TTPs, system operating, and standardized procedural instructions for production and dissemination of multi-discipline ISR, PED, and geospatial support.

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- c. Monitor organizational compliance and responsiveness to multi-discipline intelligence requirements, standards, and Wing customer Requests for Information (RFI)/support.
- d. Provide advanced intelligence problem set, trend, network, and system of systems analysis.
- e. Validate, implement, and monitor the development, maintenance, and execution of initial and recurring system-specific and mission qualification training and certification.
- f. Provide administration, guidance support, and direction to user help desk and troubleshooting support for organizational systems and applications infrastructure.
- g. Guide and direct the multi-discipline ISR collection management activities supporting the organizational mission.
- h. Implement a quality control process for collection management, analytic, and production activities in order to maintain optimum mission support.
- i. Serve as senior arbiter between air component operations and intelligence elements, producer elements and RFI customers regarding specific taskings.
- j. Monitor the management and utilization of contractor unit personnel resources.

C.5.3.1.2 PROVIDE INTERMEDIATE-LEVEL MULTI-DISCIPLINE ISR ANALYSIS

The contractor shall provide intermediate-level multi-discipline ISR analysis in accordance with the following criteria:

- a. Provide single and multi-discipline correlated and/or fused ISR products and multiple general purpose support functions in response to multiple echelons of command-validated requirements.
- b. Adhere to prescribed multi-discipline ISR TTPs, both classified and unclassified, and supervisor direction.
- c. Use various analytical techniques, web-enabled capabilities, databases, and applications to provide multi-ISR discipline products and PED support within prescribed timelines.
- d. Perform intelligence problem set, trend, network, and pattern analyses in various degrees.
- e. Conduct multi-discipline ISR collection management activities using current IC and DoD component standard collection management tools and applications.
- f. Track the initiation validation and satisfaction of collection requirements and RFIs (**Section F, Deliverable 17**) while managing project-associated databases and activities for multiple command echelons.
- g. Help develop personnel mission qualification training and certification products.

C.5.3.1.3 PROVIDE OPERATIONAL-LEVEL SINGLE AND MULTI-DISCIPLINE ISR ANALYSIS

The contractor shall provide operational-level single and multi-discipline ISR analysis in accordance with the following criteria:

- a. Provide single and multi-discipline, correlated and fused ISR products, information and general purpose support in response to multiple echelons of command-validated requirements.

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- b. Support the development of TTPs, system operating, and procedural instructions.
- c. Measure compliance with multi-discipline ISR requirements, standards, and customer RFI.
- d. Perform intelligence problem set, trend, network, and pattern analyses in varying degrees.
- e. Manage the development and execution of initial and recurring system-specific and mission qualification training and certification.
- f. Conduct multi-discipline ISR collection management and PED activities using current IC and DoD component standard collection management tools and applications.
- g. Track the initiation, validation, and satisfaction of collection requirements and RFI while managing project-associated databases and activities for multiple command echelons.
- h. Frequently interact with theater operations and intelligence elements, Component ISR collection managers and production elements, and RFI AF personnel end users regarding specific taskings.
- i. Adhere to prescribed multi-discipline ISR TTPs and supervisor direction.
- j. Use analytical techniques, web-enabled capabilities, databases, and applications to provide multi-ISR discipline products and PED support within prescribed timelines.
- k. Perform intelligence problem set, trend, network, and pattern analyses in various degrees.
- l. Provide 24 hours per day/seven days per week, real-world operations inclusive analytical support.

C.5.3.2 SUBTASK 2 – GEOSPATIAL ANALYSIS

The AF PED Enterprise is a complex, integrated, and collaborative system of systems designed to Task, Process, Exploit, and Disseminate (TPED) intelligence information collected and derived from ground and manned and unmanned airborne ISR collection platforms and sensors. The processed and exploited/analyzed/fused intelligence information and associated products are disseminated to coalition and Joint force commanders and their associated coalition and Joint force air, ground, and maritime components. ISR Enterprise-produced intelligence is used to support requirements spanning the full spectrum of conflict. To support the enterprise, the contractor must be capable of supporting ISR operations in all CCMDs.

The contractor shall develop ISR training materials and provide on the job training and mission qualification training to support PED operations (**Section F, Deliverable 7**). Training duration typically lasts four to five weeks depending on class size and historically has occurred monthly. Often, multiple classes may occur simultaneously. The contractor shall conduct technical and operational geospatial analysis of medium altitude Full Motion Video (FMV) and provide crypto-linguist support to AF end users. The contractor shall provide IT Systems Administrative support of FMV Government Owned, Contractor-Operated (GOCO) aircraft. Support the development procedures and manage troubleshooting support for sub-component systems/capabilities (e.g., establish and maintain Non-classified Internet Protocol Router (NIPR), Secret Internet Protocol Router (SIPR), and JWICS accounts and workstations in support of the crews). The contractor shall provide in-depth analytical research and gather, collate, analyze, fuse, and brief the Government on allocated ISR activity in support of the assigned mission of

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the supported organization. The contractor shall function as part of an intelligence analytical unit providing intelligence support as directed by the Government.

The contractor shall plan ISR missions in support of the assigned mission of the supported organization. Contractor personnel assigned to a crew duty position shall complete training requirements and maintain currency and Mission Ready (MR) status within the guidelines of Air Combat Command Instruction (ACCI) 14-201 Volume 1 (AF DCGS Training Program), ACCI 14- 201 Volume 2 (AF DCGS Standardization and Evaluation), and ACCI 14-201 Volume 3(Operations) (available at <http://www.e-publishing.af.mil/Product-Index/>) as applicable for their assigned crew position.

In the event of theater/local inclement weather, site maintenance periods, administrative directed morale days, or any other situations where FMV lines are not being Processing, Exploitation, and Dissemination (PED), below is the priority of supporting activities in descending order of importance:

Primary tasks are as follows when the conditions above do not exist:

- GA (Geospatial Analyst)/SCR (Screener)/MSA (Multi-Source Analyst) FMV PED operations

When the conditions above do exist, the contractor shall work on the following:

- MAVEN program
- GS (Gorgon Stare) II PIE (Post Ingest Exploitation)/NRT (Near Real Time)
- Building/updating FMV training materials
- FMV related support to AETs

C.5.3.3 SUBTASK 3 - DATA SCIENCE AND DATA ANALYTICS

The contractor shall assist ACC in development and fielding of information-centric decision-making technology, TTP, and training to maximize analytical opportunities with AF, Joint, DoD, and other data sources. The contractor shall provide a briefing to the government on all efforts made in this subtask bi-annually and upon request. (**Section F, Deliverable 18**). The contractor shall integrate IC and industry data science applications that shall improve the collection, analysis, and production tradecraft and tools to automate and streamline labor-intensive processes. The contractor shall support the development of data standards to facilitate data analytics applied to AF ISR operations and AF-focused data visualization environments. The contractor shall conduct analysis across the ACC organizations participating in this TO to determine how to integrate GEOINT, SIGINT, Human Intelligence (HUMINT), and IO activities to craft all-source ISR capabilities; support the PED process to include, but not limited to, SIGINT, digital network intelligence, and big data analytics; and apply advanced principles, theories, and concepts to a wide range of work in the areas of planning, deployment, operation, and enhancement of advanced technology for ISR operations systems.

The contractor shall advise the Government on the most advantageous way to gather and process data sets to include developing toolsets to automate any processes when possible. The contractor shall develop and coordinate tools and TTPs to enhance analytical processes and exploit

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intelligence data using single-intelligence (INT) or multiple intelligence (multi-INT) data and support modeling and simulation exercises and experiments for ACC and subordinate units. The contractor shall advise the Government on data analytics/data tagging technologies and advise and shape intelligence-related Artificial Intelligence/Machine-Learning (AI/ML) initiatives in ACC using capabilities and knowledge derived from the IC and other available resources. Specifically, the contractor shall accomplish the following tasks:

- a. Support the identification and development of ACC and AF intelligence data policy and strategy as applicable to analysis, targeting, collection, PED, ISR operations, and other intelligence functionality across the full range of military operations.
- b. Leverage and comply with open architecture best practices into existing and future AF and DoD data repositories for faster and more accessible access, exploitation, and analysis.
- c. Support improved cross-domain access and interoperability for timelier processing and aggregation of ISR data.
- d. Support AF, Joint, and DoD development of AI/ML and advanced analytical tools and interfaces.
- e. Coordinate with AF Research Laboratory (AFRL), Federally Funded Research and Development Centers (FFRDCs), and national laboratories to accelerate deployment of ML and automated data capabilities.
- f. Support subordinate ACC units with various mathematical approaches to visualize and make sense of complex, unstructured data.
- g. Support subordinate ACC unit ability to discover, catalog, and map people, operations, and technology together into an object-oriented framework in order to maximize intelligence analyst time on analysis.
- h. Support subordinate ACC units by developing recommendations for the enhancement of intelligence production and platform management processes through the incorporation of locally developed advanced analytics to include the application of data science methods and practices.

C.5.3.4 SUBTASK 4 - MULTI-INT FUSION AND ANALYTICAL TRADECRAFT SUPPORT

The contractor shall provide support for all-source intelligence including, but not limited to, DCGS, Air Operations Center (AOC) intelligence, targeting, and other ACC intelligence activities. In particular, the contractor shall support ACC organizations with dedicated fusion and tradecraft analysts. The contractor shall provide expertise in drafting guidance, developing analytic processes, evaluating/socializing analytic tools, evaluating and directing analytic standards, and researching analytic outreach and professional opportunities. The contractor shall draft and review applicable guidance to determine currency and gaps. The contractor shall track enabling concept implementation and capture lessons learned and best practices at each unit/site and shall work with each unit/site to optimize time/content-dominant fusion analysis and strengthen doctrinal roles within the IC. The contractor shall work with IC to identify available analytic tools for potential implementation and shall maintain a list of baseline and other

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analytical tools for AF mission-specific system integration and employment. All analytic programs shall be maintained in accordance with ICD 203 analytic standards.

C.5.3.5 SUBTASK 5 - ISR TARGETING DEVELOPMENT

The contractor shall collect, analyze, and synthesize data to provide support for multi-discipline ISR, cyberspace, and targeting. In addition, the contractor shall be responsible for analyzing intelligence, processing, exploiting, correlating and fusing information into a net-centric environment.

The contractor shall support the development of target descriptions, target vulnerability and survivability analysis, weapon system effectiveness and performance, target disablement evaluation, component damage, warhead lethality, threat modeling, vulnerability/lethality methodology development, Controlled Image Base (CIB) production, ISR platform, and sensor collection management.

Other tasks shall include, but are not limited to:

- a. Target system analysis
- b. Joint intermediate target development
- c. Target graphics
- d. Joint intermediate target development for non-kinetic effects (cyber operations, EW, influence operations)
- e. Weaponing
- f. Target coordinate mensuration
- g. Collateral damage estimation
- h. Joint Air-to-Surface Standoff Missile (JASSM) Terminal Area Models (TAM)
- i. Combat assessment
- j. Tailored geospatial products
- k. Foundation data to populate AF mission planning systems

C.5.3.5.1 SUBTASK 5.1 - INTERMEDIATE TARGETING DEVELOPMENT, PRODUCTION, AND TRAINING

The contractor shall provide all-source target development characterization and dissemination in accordance with Chairman of the Joint Chiefs of Staff Instruction (CJCSI) 3370.01B. The contractor shall complete and maintain all qualifications and certifications in accordance with unit Operating Instructions (OIs) and SOPs. The contractor shall provide intermediate target development training in accordance with AF ACC procedures. The contractor must complete the Defense Intelligence Agency (DIA) ITD train the trainer program. The contractor shall perform sampling on AF ACC ITD products.

C.5.3.5.2 SUBTASK 5.2 - ADVANCED TARGETING DEVELOPMENT AND WEAPONING TRAINING

The contractor shall provide Intelligence Preparation of the Environment, Battle Damage Assessment (BDA), Precise Point Mensuration (PPM), Collateral Damage Estimation (CDE),

and weaponeering. The contractor shall meet all qualifications and certifications in accordance with Joint, AF, and unit instructions. The contractor shall also provide innovative hard target support with fused target intelligence for operations. In addition, the contractor shall develop, train, and maintain advanced weaponeering courses (**Section F, Deliverable 19**), targeting and analyst capabilities, and enhanced target support to crisis operations.

C.5.3.5.3 SUBTASK 5.3 - TARGET SYSTEM ANALYSIS AND TRAINING

The contractor shall conduct Target System Analysis (TSA) to fulfill worldwide requirements for targeting and all-source analytical capacity. The contractor shall harness multiple ongoing efforts associated with Object-Based Production (OBP) and integrate those efforts into existing organizational practices for enhanced TSA production. The contractor shall support for technology insertions to improve production efficiencies and capacity. The contractor shall integrate and synchronize critical non-kinetic capabilities and effects to enhance TSA and support training engagement visits.

The contractor shall perform all-source analysis, to include signals analysis, and provide expertise and products to promote intermediate and advanced threat/target development and the vulnerability of enemy targets to various damage mechanisms associated with conventional weapons such as fragments, blast, conical shaped charges, linear shaped charges, self-forging fragments, armor piercing projectiles, high explosive projectiles and others.

The contractor shall synthesize all-source intelligence and provide accurate and timely threat development and target identification, location, significance, characterization, expectation, collateral concerns and critical element identification and nodal analysis.

The contractor shall also provide single source intelligence documents and develop target systems analysis products to support threat development and targeting operations in accordance with IC analytic tradecraft standards; and provide the functional support required to develop, disseminate, and database threat and target development products and analysis.

The contractor shall support training engagement visits (capturing mobile training and/or off-site training); harness multiple ongoing efforts associated with the OBP Pathfinder Initiative and to integrate those efforts into existing organizational practices for enhanced TSA production; provide near-term fix to aid in mitigating current shortfalls, and function as bridge to future Program Objective Memorandum (POM) submissions.

C.5.3.5.4 SUBTASK 5.4 - SPECIALIZED TARGET STUDIES

The contractor shall create Specialized Target Studies worldwide AOC requirements for targeting analysis (**Section F, Deliverable 20**). The contractor shall identify collection and capability gaps for discrete targeting problems. The contractor shall work directly with customers and IC partners on assessments and analysis supporting targeting study production.

C.5.3.5.5 SUBTASK 5.5 - AF PRECISE POINT POSITIONING PROGRAM (AFP4) AND CDE TRAINING AND CERTIFICATION

The contractor shall train, develop, and certify intelligence analysts and targeting and ISR professionals in PPM and CDE. The contractor shall provide mobile training to units within the AF ACC enterprise.

C.5.3.5.6 SUBTASK 5.6 - NON-KINETIC TARGETING

The contractor shall provide non-kinetic analysis to include cyber, EW, and behavior influence to support intermediate target development and shall provide qualified trainers with expertise in intermediate target development, analytic tradecraft, and analysis.

C.5.3.5.7 SUBTASK 5.7 - ADVANCED HARD AND DEEPLY BURIED TARGET (HDBT) DEVELOPMENT AND WEAPONNEERING

The contractor shall create targeting enterprise HDBT cells to support AOC-specific requirements production and basic target characterization of underground facilities. Additionally, incidental to operations, the cell shall develop, train, and maintain an advanced weaponneering course (**Section F, Deliverable 19**).

C.5.4 TASK 4 – PROVIDE TRAINING SUPPORT

The contractor shall implement effective and relevant training on all subtasks identified within this PWS as required. The contractor shall develop applicable courseware for qualification and certification of capabilities identified within the subtasks and deliver established training to Government, military, and contract personnel on operational capabilities and areas of expertise (**Section F, Deliverable 07**). Courseware development shall include, but not be limited to, GEOINT, Multi-INT intelligence, targeting and analysis tradecraft and mission systems, SIGINT and NTI, and intelligence support for all ACC-managed flying and ground AF mission-specific systems. The contractor shall stay abreast of emerging capabilities TTP and modify courseware as needed. The contractor shall also stay abreast of analytical tool developments by the IC and industry in order to train analysts on the latest tactics, techniques, and tools to increase the effectiveness and efficiency of assigned tasks/mission. All training and courseware development and execution shall be in accordance with appropriate DoD, Joint, and Service Air Force Instructions (AFIs) and other policy and guidance.

The contractor shall support ACC Intelligence Initial Qualification Course (IIQC) execution and other training activities as directed by the unit Senior Intelligence Officer, lead IIQC Instructor, or ACC staff. The contractor shall support instruction, materials development, course maintenance, and other IIQC administrative management functions as necessary. The contractor shall present/instruct IIQC course academics, support and attend MAJCOM-sponsored training requirements forums, and support associated/parent unit training programs as required to maintain currency on Mission Design Series operations and associated intelligence support (between IIQC courses).

The contractor shall implement effective and relevant training to ACC ISR Airmen on all new capabilities including Quick Reaction Capabilities (QRC) fielded by system program offices, including, but not limited to, Big Safari System Program Office (SPO). The contractor shall coordinate with SPO during capability development in order to develop and implement operational training for delivered capability. The contractor shall deliver training programs and plans for any new capabilities when required for new ISR systems.

C.5.4.1 SUBTASK 1 – AF AIRMEN LIVE, VIRTUAL, CONSTRUCTIVE, AND GAMING TRAINING (LVCT)

This subtask will be performed at the contractor's facility and will enhance and support the existing virtual training environment. The current LVCT environment shall require a significant upgrade over the next few years in order to fully integrate LVCT capabilities for ACC. The contractor shall keep abreast of new capabilities for LVCT and assist ACC in the deployment of these capabilities for ISR LVCT. The AF utilizes board games, interactive courseware, and Virtual Reality (VR) for operational and training needs. Mobile Applications and Games for Intelligence Courseware (MAGIC) is an unclassified, Government-owned, training program used to teach doctrine and simulate offensive, defensive, and patrolling operations. MAGIC delivers a VR environment with the desired terrain, scenarios, and models for the practical exercise of leadership and organizational behavior skills required to successfully execute unit missions. MAGIC incorporates a variety of threats from near-peer to insurgent/asymmetric, non-combatants, and friendly/coalition forces. MAGIC is a multipurpose tool that can be tailored around an "infinite number of scenarios" to prepare leaders in planning, creating staff positions, offensive and defensive tracking, and proper communication procedures before and after live training events.

Limited resources constrain the AF's ability to conduct live training of all of the various combat situations that may be encountered and the variety of threats that may be faced in the current global threat environment. The contractor shall assist with the deployment of Distributed Mission Operations (DMO) as part of the LVCT solution and also include existing capabilities. In a gaming environment, MAGIC provides realistic target, threat, and engagement effects in order to train units. The use of virtual and constructive systems to conduct training exercises, wargames, and other activities by units shall lead to a higher degree of proficiency when units are faced with these threats while deployed. Use of these virtual training platforms also allows units to develop the communication and soft skills necessary to successfully work together in-theater in addition to preparing them for the operational environment. MAGIC solutions should be incorporated into LVCT and DMO solutions for a more effective ISR training experience. This solution shall also cut training and exercise costs over the long term.

The contractor shall provide MAGIC training support service that leverages the existing AF technologies to enhance mission readiness. This effort should also be closely coordinated with Air Education and Training Command (AETC) to prevent any duplication of effort. This effort shall require the use of training architectures and networks to maintain Information Assurance compliance and promote interoperability across the AF. The contractor shall provide the capability to conduct integrated exercises with the AF to support training from strategic through operational and tactical levels down to the individual airmen levels. The contractor shall propose recommendations regarding increasing the capability of games for training. Once Government approval has been received, the contractor shall proceed with implementation of the approved, additional capabilities and provide support for the timeframe approved.

The contractor shall provide MAGIC updates, briefings, and reports as requested in order to provide training feedback and reviews of individual unit processes. **(Section F, Deliverable 21)** The contractor shall provide MAGIC training and all technical support and customization for the platform. As directed by the Government and stemming from evolving threats, the contractor shall build and customize scenarios in MAGIC based on terrain, ports, airfields, energy

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infrastructure, and other factors to mimic the operational environment as closely as possible. Customization of the MAGIC platform is a critical requirement to ensure the training is as effective as possible.

MAGIC applications must be updated any time there is a new update to device operating systems such as windows, IOS, and Android. The average number of updates required was approximately three annually over the last four years. The contractor must also ensure all security system updates are also updated for all MAGIC applications and games.

Contractor support of the MAGIC system has historically been performed at the contractor's unclassified worksite. It is anticipated that in performance of this TO MAGIC will require integration with classified applications.

C.5.4.2 SUBTASK 2 – RC-135 FORMAL TRAINING UNIT (FTU)/COMBAT SUPPORT

The contractor shall provide academic, simulator, and inflight training to back-end ISR crews for models RC/TC/WC/OC-135 fleets commensurate with requirements stipulated by current Federal Aviation Administration (FAA), International Civil Aviation Organization (ICAO), aircraft manufacturer technical orders, DoD/USAF Higher Headquarters (HHQ) local guidance, and applicable syllabi. Back-end training may include non-ISR-related aircrew duties such as safety or emergency procedures but is focused on ISR-related crew duties. Training sorties will be non-combat, non-operational. Requirements shall be tailored to produce knowledge and procedural capability for worldwide operations on all operable baselines of Wing aircraft. The preceding requirements shall be updated with each baseline change to ensure currency of instruction during training. The contractor shall provide in-depth data and analysis of training accomplishment, needs, current status, and effectiveness via daily and monthly metrics specific to Programmed Flying Training (PFT) scheduled versus accomplished, effective versus non-effective and other variables as required by the Combat Training Squadron (CTS)/FTU leadership (**Section F, Deliverable 22**). Specifically, the contractor shall provide the following support to training:

- a. Provide RC/TC/WC/OC-135 ground academic training on aircraft systems and appropriate regulatory guidance for initial qualification, upgrade, and difference certification. Training will be offered weekly and the historical average number of classes has been five per week.
- b. Revise courseware development each time governing documents, local standards, or world events change. Historically, revisions have occurred annually.
- c. Provide aircrew certified qualified instructor for simulator training of crew members to include any ATD or aircraft, as applicable per CTS needs. Formal instruction typically held weekly.
- d. Analyze training requirements, progress, and effectiveness data.
- e. Provide similar support to the United Kingdom (UK) RC-135 fleet upon receipt of a final, approved work request.

C.5.4.3 SUBTASK 3 – NON-KINETIC TRAINING SUPPORT

The contractor shall teach Non-Kinetic Operations (NKO) integration with space, cyber, Electronic Spectrum (ES) integration. Training events typically are held four times annually, but

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may vary at the discretion of AF ACC. This shall include, but is not limited to, synchronization matrix creation; execution between, space, cyber, and ES; and more specifically, the execution and integration between the Airborne NKO Commander, call sign CROW, and the Non-Kinetic Duty Officer. The contractor shall provide the following courseware development (**Section F, Deliverable 23**) support:

- a. Create courseware for Government and military personnel on NKO.
- b. Conduct site visits as needed, typically quarterly, to assist with new topics and create courseware accordingly.
- c. Make applicable changes and updates to courseware monthly or as needed,
- d. Assist with AOR certification courseware development.
- e. Update Job Qualification Sheets and Training Task Lists (TTLs) as needed to meet new requirements and update for NKO positions.
- f. Provide input in detailing accomplishments and issues in the performance of the task.
- g. Provide instruction/training to military, civilian personnel, and other contractors who perform instructional duties to military members.

C.5.4.4 SUBTASK 4 – MISSION CREW TRAINING SIMULATOR (MCTS) SUPPORT

MCTS scenarios training for 1A8X1s and 1A8X2s are required to standardize training and training timelines and create efficiency in training Combat Mission Ready (CMR) 1A8s. The contractor shall develop and maintain MCTS scenarios that are standardized, predictable, and adaptable for training to stay relevant with ever-changing adversaries. These scenarios shall require approximately 50 biannual reviews and updates to reflect the current target operational environment. The contractor shall provide the following courseware development (**Section F, Deliverable 24**) support:

- a. Create courseware for Government and military personnel that shall simulate live target training.
- b. Make applicable changes and updates to courseware as needed.
- c. Update Job Qualification Sheets and TTLs monthly or as needed to meet new requirements and update for NKO positions.
- d. Provide input in detailing accomplishments and issues in the performance of the task.
- e. Provide instruction/training to military and civilian personnel.

C.5.4.5 SUBTASK 5 – AOC, ISR DIVISION (ISRD) TRAINING SUPPORT

The contractor shall provide academic, practical exercise, and simulator initial or orientation training for AOC/ISRD personnel with requirements stipulated in AFIs, local OIs, TTLs, and applicable syllabi. Requirements will be tailored to produce knowledge for applicable AOR operations based on the specific AOC's tasked operations. The contractor shall provide in-depth data and analysis of training accomplishments and assessments of training effectiveness via monthly metrics (**Section F, Deliverable 25**) to address specific needs of AOC leadership. Specifically, the contractor shall provide the following support to training:

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- a. AOC/ISRD initial, orientation, mission, and AOR certification training academics as specified by AOC leadership.
- b. Assist with courseware development for each tailored course type. Make applicable changes and updates to courseware as needed with the flexibility to change curriculum to meet evolving operational needs.
- c. Provide instruction/training to military, civilian personnel, and other contractors who perform instructional duties to military members.
- d. Data analysis of training requirements, progress, and effectiveness.
- e. Ensure latest TTPs, processes, and systems/tools are included in the training. The contractor should go on Temporary Duty (TDY), as necessary, to remain current on latest AOC/ISRD TTPs, process, and tools.

C.5.5 TASK 5 – PROVIDE INTELLIGENCE SUPPORT

C.5.5.1 SUBTASK 1 - INTELLIGENCE IMAGERY SUPPORT

The contractor shall perform infrastructure imagery dissemination support across multi-domain networks in support of AF DCGS at JB Langley-Eustis, VA, and Beale AFB, CA, and other locations on an ad hoc basis. The contractor shall utilize various national and theater-level imagery storage, retrieval databases, and tools. The contractor shall work with intelligence analyst community software, databases, and community reporting standards in a tactical and multi-national security environment and DoD and IC automated collaborative tools and networks, such as Intelink and Intellipedia. The contractor shall also work with various commercial, airborne, and national collection platforms (e.g., panchromatic, optical, radar, infrared, and multispectral). In particular, the contractor shall provide the following support:

- a. Provide Tier 1 Help Desk imagery formatting and dissemination support, 24 hours per day/five days a week, for Imagery Access Services (IAS), iStore, Image Product Library (IPL), Unified Collection Operations Reporting Network (UNICORN), and National Information Library (NIL) systems and databases to contractor personnel working on contract.
- b. Monitor and maintain the IPL's storage databases (network housed on SIPR and JWICS) and perform security classification data verification for finished image products prior to ingesting to the server.
- c. Monitor and maintain the IAS and NIL databases (network housed on SIPR and JWICS) and populate with required raw imagery necessary to meet customer needs.
- d. Perform routine system maintenance on imagery dissemination databases and update work center documents (e.g., mission logs, how to manuals, and newcomer training guides), as tasked by the Government.

C.5.5.1.1 MISSION PLANNING SUPPORT

The contractor shall provide mission planning support in accordance with the guidelines of ACCI 14-201 Volume 1 (AF DCGS Training Program), ACCI 14-201 Volume 2 (AF DCGS Standardization and Evaluation), and ACCI 14-201 Volume 3 (Operations). In the provision of the support, the contractor shall make use of knowledge/experience in imagery analysis or all-

source intelligence and AF DCGS weapon systems; contractor personnel shall maintain a minimum Q-1 DCGS Weapons System Qualification Rating. Lastly, in all personnel assigned to a crew duty position shall adhere to personnel requirements specified in Section H.4.6. I

C.5.5.1.2 ISR MISSION MANAGEMENT ANALYSIS SUPPORT

The contractor shall report on (Section F, Deliverable 27) and provide the following support:

- a. Manage quality control and formal feedback programs to improve theater ISR collection operations.
- b. Capture and present DCGS Measures of Performance (MoP) and ISR mission effectiveness in support of AF/DCGS weapon system policies, instructions, and other supporting documentation.
- c. Perform trend analysis derived from combat elements, ISR production centers, and open sources to prepare Joint Intelligence Preparation of the Operational Environment (JIPOE) related data and products.
- d. Capture, assess, and perform trend analyses and report ground station and ISR platform and sensor metrics utilizing Original Equipment Manufacturer (OEM) standards. Compare sensor functionality data compared to UNICORN collection data and report via activity reports to leadership.

C.5.5.2 SUBTASK 2 - CRYPTOLOGIC SUPPORT

In the provision of cryptologic support, the contractor shall make use of knowledge/experience in DCGS, airborne SIGINT, and resource management as well as MAJCOM and NSA multi-INT. The contractor shall provide cryptologic support for the long-term, strategic planning of cryptologic tasks, and interact with internal and external personnel to refine requirements for planning objectives associated with the development of cryptologic initiatives and provide comprehensive reviews of detailed intelligence information and analysis derived from ISR assets.

C.5.5.3 SUBTASK 3 - WEAPONS AND TACTICS SUPPORT

The contractor shall make use of knowledge/experience to support management of weapons and the tactics-related program for each subtask within this TO. The portfolio may be “INT-centric” or may be “problem-centric.” The contractor shall identify and recognize weaknesses in TTPs and equipment, find constructive solutions, and make recommendations on how best practices and TTPs are incorporated into training, standardization and evaluation, and current operations and documented in accordance with AF standards. The contractor shall support typically three AF TTP events and publication, support the development and document terminology and TTPs, support exercise planning and execution, provide pre-deployment/employment support as necessary, and support overall readiness and training efforts at Staff and Wing levels. The contractor shall be familiar with and operate in accordance with AFI 14-120 Tactics Analysis and Reporting program, AFI 11-415 Weapons and Tactics Programs, and supplements.

C.5.5.3.1 DCGS WEAPONS AND TACTICS SUPPORT

The AF DCGS is the AF’s primary ISR planning and direction, collection, processing and exploitation, analysis and dissemination (PCPAD) non-combat weapon system. The system

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employs a global communications architecture that connects multiple intelligence platforms and sensors. The system integrates data collected by ISR platforms to provide critical and actionable intelligence to leadership and supported commanders worldwide. This TO, provides support for the data that DCGS integrates. It does not provide direct sustainment or operational support to DCGS. Specifically, the contractor shall provide support for the data as follows:

- a. Manage tactics-related projects within a portfolio that may be “INT-centric” (i.e., Imagery Intelligence (IMINT) or SIGINT only), or may be “problem-centric” (i.e., efforts to counter improvised explosive devices).
- b. Work directly with IMINT, SIGINT, and DCGS Analysis and Reporting Team (DART) crews and applicable back shops on standardization and evaluation, training, and mission management.
- c. Contractor personnel shall maintain a minimum Q-1 DCGS Weapons System Qualification Rating as specified within Section H.4.6.

C.5.5.4 SUBTASK 4 – RC-135 PED SUPPORT

The contractor shall conduct Analysis and PED of ISR assets across multiple intelligence domains including both ground and airborne sensors. The contractor shall develop ISR training materials (**Section F, Deliverable 7**) and provide on the job training and mission qualification training to support PED operations. The contractor shall conduct technical, operational, and strategic levels of analysis. The contractor shall provide cryptologic support through collection and reporting of both ground-based and airborne ISR sensors.

The contractor shall provide in-depth analytical research and gather, collate, analyze, fuse, and report on (**Section F, Deliverable 22**) allocated ISR activity in support of the assigned mission of the supported organization. The contractor shall perform serialized dissemination in accordance with national IC standards across multi-domain networks utilizing various national- and theater-level storage, retrieval databases, and tools. The contractor shall perform executive-level analysis and assessments in applying advanced principles, theories, and concepts to a wide range of work in the areas of planning, deployment, operation, and enhancement of advanced technology for ISR systems. In particular, the contractor shall provide the following support:

- a. Perform/train all-source analysis intelligence (i.e., determine how to integrate GEOINT, SIGINT, HUMINT, and IO activities to craft all-source ISR capabilities).
- b. Perform PED to include, but not limited to, SIGINT, digital network intelligence, and big data analytics; exploit and report data from ISR sensors and platforms.
- c. Perform/train on data mining and research analysis applications and technology.
- d. Perform/train national IC reporting databases and standards.
- e. Correlate and fuse information using at least two intelligence sources and provide tailored regionally focused intelligence.
- f. Generate analysis and serialized reports that provide global/regionally focused intelligence updates to support mission operations.

C.5.5.5 SUBTASK 5 - SECURITY TRAINING, ENTRY CONTROL, AND ADMINISTRATION SUPPORT

The contractor shall support Government security administration, which includes security education and training, entry control, and administration support. Briefings typically occur twice monthly for approximately 300 personnel. The contractor shall develop, coordinate, and execute security objectives for personnel and physical security issues (**Section F, Deliverable 26**) These actions include, but are not limited to, all administrative processing of unit personnel and access to Joint Personnel Adjudication System (JPAS); develop and submit facility and equipment security accreditation packages; participate in security-related assessments and evaluations; and review, track, and monitor security clearance processing activities with appropriate Government personnel to achieve appropriate clearance actions. The contractor shall support industrial, personal, and physical security program and non-disclosure processes and applications. The contractor shall create training aides and provide security briefings to personnel holding collateral and SCI clearances.

The contractor shall assist the Government to manage the Control Access Program (CAP). The contractor shall assess, track, and monitor the CAP security clearance processing activities with appropriate Government personnel to achieve appropriate clearance actions. The contractor shall assist in defining, interpreting, and implementing CAP program security policies. Specific CAP functions include, but are not limited to, Program Access Request (PARs); Defense Central Index of Investigations; Operations security (OPSEC), Physical, Technical, and Industrial Security; and facility accreditation packages.

C.5.5.6 SUBTASK 6 - STAFF SUPPORT

C.5.5.6.1 STAFF ANALYSIS SUPPORT

The contractor shall provide analytic, operational, technical, and planning support to the ACC and subordinate units to modernize the ISR Enterprise. This includes capability-based planning processes to include documentation of needs and gaps along with recommended solutions. The contractor shall perform executive-level analysis and assessments in applying advanced principles, theories, and concepts to a wide range of work in the areas of planning, deployment, operation, and enhancement of advanced technology for the ISR Enterprise. Through capabilities-based planning and assessments, the contractor shall evaluate and identify material and non-materiel solutions for advancing the enterprise. The contractor shall support complex problems and provide solutions that are innovative to establish new theories and practices, leading to new and creative technical solutions to problems. The contractor shall review and analyze the organizational structure, relations, systems, and processes across the enterprise to improve ISR capabilities through technology, TTP development/modifications, and investments. Additionally, the contractor shall assist the Government with drafting supporting documents for the development, Planning, Programming, Budgeting and Execution System (PPBES) to support the advocacy of the identified materiel and non-materiel solutions.

C.5.5.7 SUBTASK 7 - EXERCISE SUPPORT

The contractor shall provide exercise planning and technical support to exercise, training, test, and readiness events on an ad hoc basis, typically five events quarterly. The primary function of

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this task is to support and contribute to program management, monitoring, and support to ACC intelligence exercises. The contractor shall provide technical support, assistance, and advice on ACC intelligence exercise matters at the Service, Joint, and IC levels and shall assist, support, and contribute to improving MAJCOM organizational support structure and program management functions. The contractor shall identify, evaluate, and integrate applicable DoD, Service, and IC doctrine, TTPs into ACC and subordinate unit exercise development and training and provide MAJCOM-level representation during drafting, review, edit, and staffing of intelligence policy and guidance documents related to the ACC exercise program. The contractor shall participate in, monitor, plan, and administer meetings, working groups, and other exercise planning forums to assist A2 in advocating, planning, and implementing MAJCOM, CAF, policy, doctrine, and TTPs and ensure unit training objectives conform to AF and ACC exercise training objectives tied to mission-essential tasking list and training to proper standards.

C.5.5.8 SUBTASK 8 - KNOWLEDGE/INFORMATION MANAGEMENT SUPPORT

The contractor shall support the customer as a dedicated Knowledge Manager providing support for ACC and all subordinate NAFs, Centers, and Wings by providing expertise in standardizing Knowledge Management (KM)/Information Management (IM) functions. This includes implementing taxonomy, metadata, metadata strategy, standards, data governance, and security classification guidance and execute retention policies (archival and deletion). The contractor shall establish common taxonomy for file naming conventions, file structures, and metadata tagging to all supported units. The contractor shall capture best practices and share within the enterprise, (**Section F, Deliverable 27**). KM/IM support tasks include, but are not limited to, DoD 8570 compliance; Intelink, SharePoint, and website development and maintenance; metadata management and application, PEX management, and implementation; configuration support (e.g., Windows 7, Microsoft Technologies, HTML, CSS, XML, JavaScript, SharePoint 2010 and 2013 Core Development, Single Page Web Applications, etc.); and training for all such KM/IM programs and tasks.

C.5.5.9 SUBTASK 9 – AOC/ISRD COLLECTION MANAGEMENT AND ISR PLANNING SUPPORT

The contractor shall provide support in Collection Requirements Management (CRM), ISR Assessments, Collections Operations Management (COM), and ISR planning in support of AOC/ISRD operations on national, CCMD, and Joint Task Force (JTF)-level ISR tasks with a focus on: theater and national capabilities and processes; ISR Assessments tasks to include the evaluation of Measures of Effectiveness (MoE) and MoP; COM tasks to include collection planning, asset scheduling, and PED resource management; and ISR planning in support of U.S. and coalition force operations. Specific support requirements are as follows:

- a. Deploy and sustain adequate collection management in order to support ISR operations and associated ISR planning, CRM and COM, and assessments support around the globe to include, but not limited to:
 1. Engagement with analysts, determine intelligence needs, identify possible collection strategies, and convert into collection requirements.

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2. Solicit, coordinate, research, de-conflict, create, register, prioritize, and validate multi-INT requirements in accordance with theater policy, guidance, processes, and SOPs.
3. Support development of collection plans and strategies in order to employ ISR assets across the range of operations.
4. Support COM functions to include the direction, scheduling, and control of specific collection platforms and associated PED resources.
- b. Provide on-site and/or off-site CM and ISR operations user training to Component Headquarters, JTFs, and other forward-deployed locations around the globe.
- c. Develop written documentation (**Section F, Deliverable 28**) in support of theater CM training initiatives as required.
- d. Maintain proficiency on DoD CM and ISR applications and tools to include, but not limited to, PRISM/COUGAR, CRATE, GIMS, ROME, UNICORN, and others as identified at the JTF and Component levels.
- e. Identify and maintain awareness of collection management issues identified by all DoD, IC, Service Component, and JTF customers; develop lessons learned based on findings; and act as a liaison between all global locations, Component Headquarters, and JTFs.
- f. Theater CM processes, CM tools familiarization/training will be required via job rotation in support of Counter Terrorism (CT) missions.

C.5.6 TASK 6 – PROVIDE SURGE SUPPORT

The contractor shall provide surge support restricted to the requirements specified in Tasks 1 through 5 of the awarded TO. The AF ACC operates in a dynamic and evolving mission environment. It is anticipated as a result that augmentation of existing resources may be required in response to any global contingencies or changes to AF ACC's ISR mission. The purpose of this task is to allow additional TO capacity in support of the AF ACC ISR requirements.

Unpredictable world events demand that the AF ACC have the capability to provide deployed and additional as needed support in CONUS, OCONUS, and hazardous duty/combat zones anywhere in the world. The contractor shall provide specialized support as described in Tasks 1, 3, 4, and 5 in any location in the world, including hazardous duty/combat zones. Additional support requirements are variable in length and LOE in support of AF ACC initiatives, decisive efforts, and new mission requirements. Decisive efforts are defined as situations where U.S. Forces are deployed in support of a contingency operation that is contested by threat networks and their use of improvised weapons. Support may be project-based or result in long term increase in base LOE. Support may require either short-term (e.g. up to one month) or longer-term (e.g. one or more months) deployments. Support requirements and deliverables for the additional support are described in Tasks 1, 3, 4, and 5 and are within the scope of this TO but require additional personnel to meet the requirement.

When the requirement for additional as needed support is identified, the Government will exercise the optional surge support CLIN in TOR **Section B**.